

## CLAIMS

1. Glass composition including 50 to 60%  $\text{SiO}_2$ , 0.1 to 10%  $\text{Al}_2\text{O}_3$ , 20 to 45%  $\text{MgO}+\text{CaO}+\text{SrO}+\text{BaO}$ , 0.5 to 20%  $\text{TiO}_2$ , 0.1 to 10%  $\text{ZrO}_2$ , and 0 to 2%  $\text{Li}_2\text{O}+\text{Na}_2\text{O}+\text{K}_2\text{O}$  in terms of mol%, wherein a  $\text{BaO}/\text{CaO}$  mol ratio is from 0.3 to 1.6.

2. Glass composition according to claim 1, further comprising 0 to 15%  $\text{MgO}$ , 1 to 15%  $\text{CaO}$ , 0 to 15%  $\text{SrO}$ , and 1 to 15%  $\text{BaO}$  in terms of mol%.

3. Glass composition according to claim 1 or 2, further comprising 0 to 1%  $\text{Nb}_2\text{O}_5$  and  $\text{La}_2\text{O}_3$  in total content in terms of mol%.

4. Glass composition according to any one of claims 1 to 3, wherein an  $\text{SrO}/\text{CaO}$  mol ratio is from 0.3 to 2.0.

5. Glass composition according to any one of claims 1 to 4, wherein an  $\text{MgO}/\text{CaO}$  molar ratio is from 0 to 2.0.

6. Glass fiber which is formed of the glass composition according to any one of claims 1 to 5.

7. Glass fiber-reinforced plastics which employs as a

reinforcement the glass fiber according to claim 6.

8. Glass fiber-reinforced thermosetting plastics which employs as a reinforcement the glass fiber according to claim 6.

9. FRP rod which employs as a reinforcement the glass fiber according to claim 6.

10. Glass fabric which employs the glass fiber according to claim 6.

11. A repairing material for a cement-based material which employs as a reinforcement the glass fabric according to claim 10.

12. Glass fiber-reinforced plastic pipe which employs as a reinforcement the glass fiber according to claim 6.

13. FRP sewage pipe which employs as a reinforcement the glass fiber according to claim 6.

14. A sheet molding compound which employs as a reinforcement the glass fiber according to claim 6.

15. A bulk molding compound which employs as a reinforcement

the glass fiber according to claim 6.

16. Glass fiber-reinforced thermoplastics which employs as a reinforcement the glass fiber according to claim 6.